APPENDIX A

MOORES RUN - REACH PHOTOGRAPHS

Photo 1. Reach 01 is a Rosgen C stream type with well-developed lateral bars (looking upstream).

Photo 2. Reach 01 has banks with extreme bank erosion potential that contribute to a moderately unstable lateral stability rating.

Photo 3. Reach 02 is a Rosgen C stream type with a moderate width/depth ratio, low entrenchment, and cobble and boulder dominated substrate.

Photo 4. Reach 02 banks are moderately sloped and well protected by vegetation and cobbles which contribute to a stable lateral stability rating.

Photo 5. Reach 03 is a Rosgen D stream type with two braids. This photograph (looking upstream) shows the right channel which carries the majority of the flows.

Photo 6. Although this bank has a high erosion potential, the majority of banks in Reach 03 have low erosion potential.

Photo 7. Reach 04 is a transitional reach consisting of one long pool and one long run.

Photo 8. The right bank of Reach 04 is typical of the reach conditions with very low to moderate erosion potential.

Photo 9. Reach 05 is a Rosgen F stream type that is highly entrenched with high, steep banks and a moderate width/depth ratio.

Photo 10. Even though Reach 05 is highly entrenched and contains large flood flows within the channel, the banks remain stable as a result of well established vegetation on the entire bank.

Photo 11. Like Reach 5, Reach 06 is a Rosgen F stream type, but with a steeper reach average slope (0.016 ft/ft) than Reach 5 (0.012 ft/ft) and cobble dominated substrate with bedrock controls.

Photo 12. Forty-one percent of the banks in Reach 06 have a moderate erosion potential because the stream lacks an adequate floodplain and well established riparian vegetation.

Photo 13. Reach 07 is a Rosgen B stream type. The reach is stable because the channel has a floodprone area that assists in reducing channel erosive flows.

Photo 14. Reach 07 banks are well vegetated which contributes to its low lateral stability rating.

Photo 15. Reach 08 is a Rosgen D stream type (braided). It has three channels; two main channels and one connecting channel. This photograph, looking upstream, shows the left main channel.

Photo 16. Boulders along the left bank of Reach 08 contribute to its low erosion potential. The right bank is a sloping concrete slab. Reach 8 also has bedrock grade controls throughout.

Photo 17. Reach 09 is a transition coming out of a triple-cell box. It consists of one large pool which has concrete rubble throughout.

Photo 18. The left bank of Reach 09 (shown in this photograph) has a very high erosion potential and the right bank (shown in photograph 17) is a sloped concrete slab.